MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY, 1936

J. A. BROWN, DIRECTOR

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FEBRUARY 1936

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.5	53.9	55.9	55.4	21.8	11.1	18.6	18.8	15.8	17.7
2	5.8	6.7	9.0	7.2	16.0	11.2	15.4	13.4	12.1	13.6
3	62.0	61.6	63.0	62.2	17.6	13.1	14.7	16.7	13.6	15.0
4	1.4	59.3	59.2	0.0	18.8	15.3	11.9	18.3	16.4	15.5
5	0.0	9.7	9.9	59.9	21.2	13.9	18.6	20.2	17.1	18.6
6	58.5	56.7	57.1	57.4	18.7	13.3	17.3	18.2	14.6	16.7
7	6.1	5.9	7.6	6.5	17.6	10.4	16.4	15.4	14.6	15.5
8	61.2	60.6	61.1	61.0	17.1	12.2	14.8	16.6	12.6	14.7
9	0.0	59.8	0.1	0.0	17.8	11.5	15.4	13.9	13.0	14.1
10	58.5	8.6	59.3	58.8	17.7	9.9	11.7	12.4	11.5	11.9
11	59.5	57.8	55.5	57.6	17.1	10.0	10.1	15.9	16.9	14.3
12	0.0	1.8	4.1	2.0	19.4	10.4	13.1	13.0	13.2	13.1
13	6.2	5.1	6.4	5.9	13.5	7.8	11.6	13.1	12.0	12.2
14	62.4	63.1	64.5	63.3	12.6	8.8	9.2	11.7	9.2	10.0
15	4.9	4.4	4.2	4.5	15.8	10.3	12.2	14.4	11.4	12.7
16	62.7	60.5	59.6	60.9	17.2	12.3	12.6	15.7	13.9	14.7
17	55.5	54.8	5.6	55.3	20.3	13.7	16.9	19.8	15.7	17.5
18	8.3	8.9	9.8	9.0	19.0	13.3	16.7	17.6	14.6	16.3
19	8.6	7.6	7.2	7.8	18.3	11.1	15.4	17.2	14.3	15.6
20	8.7	60.4	61.0	60.0	18.3	13.1	14.8	17.8	13.9	15.5
21	61.4	59.0	57.3	59.2	17.6	14.4	15.9	15.7	15.7	15.8
22	54.7	5.4	5.6	5.2	17.2	10.9	15.6	15.8	12.0	14.5
23	5.6	6.0	7.3	6.3	16.0	11.2	14.4	15.6	12.7	14.2
24	8.9	8.8	9.4	9.0	17.4	12.9	15.5	16.4	13.7	15.2
25	7.7	5.6	7.5	6.9	22.7	13.6	15.7	20.4	16.4	17.5
26	60.0	60.5	61.4	60.6	19.0	13.8	15.7	18.1	15.9	16.6
27	4.1	4.4	5.2	4.6	19.6	12.0	16.5	18.3	14.8	16.5
28	5.1	4.6	3.7	4.5	18.9	12.9	15.4	17.9	14.9	16.1
29	2.3	59.7	58.8	0.3	20.1	13.8	16.6	18.9	15.6	17.0
	759.19	758.66	759.18	759.01	18.08	12.01	14.78	16.46	14.07	15.12

Barometer, range for month 765.2 mm.—750.0 mm.
,, 50-yr. average for month 762.300 mm.
Thermometer, Range for month 22.7° C.—7.8° C.
,, 50-yr. average for month 14.32° C.
Rain, total for month 193.573 mm.
,, , 50-yr. average for month 150.88 mm.
,, , total, Sept. 1st to end of month 724.993 mm.
50-yr. average, Sept 1st to end of month 727.72 mm.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	12.3	15.6	12.8	7.6	11.1	9.2	9.3	48	69	69	62	5.1	
2	12.7	12.1	10.5	9.3	9.7	8.6	9.2	71	84	81	79	1.9	4.470
3	13.1	14.7	12.0	10.2	11.2	9.5	10.3	82	79	82	81	4.9	
4	14.1	15.2	12.7	10.0	10.9	8.9	9.9	67	70	65	67	8.5	
5	14.7	17.3	16.0	10.1	12.8	12.8	11.9	63	72	89	74	8.7	
6	15.1	16.1	12.1	11.3	12.1	9.0	10.8	77	79	73	76	7.5	
7	12.2	11.4	12.0	8.3	8.0	9.0	8.4	60	62	72	65	5.6	2.946
8	13.7	13.8	10.3	10.0	10.1	8.1	9.7	87	72	75	78	4.4	26.873
9	12.8	13.7	13.0	9.4	11.6	11.0	10.7	72	98	97	89	4.0	19.761
10	11.7	12.1	10.4	10.2	10.3	8.8	9.8	99	96	88	94	0.0	68.123
11	10.0	12.9	11.4	9.1	9.3	7.3	8.6	99	69	51	73	2.5	13.284
12	11.8	11.1	10.3	9.6	8.7	7.8	8.7	86	78	69	78	0.0	11.100
13	9.9	9.5	8.9	8.2	7.0	6.9	7.4	80	62	67	70	0.5	6.782
14	6.4	8.4	6.8	5.8	6.6	6.2	6.2	67	65	71	68	8.6	
15	9.5	11.2	9.4	7.4	8.2	7.7	7.8	70	67	76	71	4.3	
16	9.9	12.8	11.4	7.7	9.3	8.6	8.5	72	70	73	72	2.9	
17	14.8	16.9	14.7	11.2	12.5	11.7	11.8	78	73	88	80	2.9	0.381
18	14.2	14.7	13.4	10.5	10.7	10.7	10.6	74	71	86	77	8.5	
19	14.1	15.8	13.4	11.1	12.4	10.8	11.5	86	85	89	87	2.2	10.922
20	12.7	15.4	12.8	9.7	11.5	10.3	10.5	77	76	87	80	6.0	17.501
21	14.3	14.8	13.2	11.0	11.9	9.8	10.9	82	91	74	82	0.4	2.032
22	14.5	14.3	10.9	11.6	11.2	9.1	10.6	89	84	87	87	4.9	7.442
23	10.9	14.4	10.1	7.9	11.4	7.8	9.0	65	86	71	74	9.3	0.991
24	12.2	12.8	11.6	8.7	8.9	9.0	8.9	67	64	76	69	4.7	
25	12.2	16.9	15.4	8.7	12.1	12.3	11.0	65	68	89	74	4.9	
26	14.0	14.9	13.9	10.8	10.7	10.6	10.7	82	70	79	77	7.1	0.965
27	14.7	15.6	13.6	11.2	11.4	10.7	11.1	80	73	85	79	9.2	
28	11.5	15.1	13.7	8.0	11.0	11.0	10.0	63	72	87	74	10.1	
29	12.7	16.1	14.9	8.7	11.7	11.9	10.8	63	73	91	76	7.8	
	12.51	13.99	12.12	9.46	10.49	9.49	9.81	74.86	75.10	78.86	76.27	5.08	6.675

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	10ci	10st	10cuni	10.0	2sw	0	2sw	322.9	light	L. tr. S.W.g. eve.
2	10stcu	10cuni	10stcu	10.0	0	4sw	0	244.1	„	F. a.m. p.m.
3	10stcu	9ci	4ci	7.7	0	1sw	0	195.2	„	
4	0	1ci	0	0.3	0	1e	1s	159.8	„	
5	3ci	4ci	0	2.3	0	1n	1s	354.2	„	
6	0	0	0	0.0	1n	0	0	84.2	rough	F. a.m. p.m. eve.
7	0	10stni	6stcu	5.3	0	1sw	3sw	321.9	„	thin M. a.m. S.W.g.
8	10cuni	7stci	0	5.7	0	2s	0	631.9	„	F.a.m. [p.m. eve.
9	5stcu	10stni	10ni	8.3	3sw	2sw	1sw	603.9	„	F. a.m. p.m.
10	10ni	10ni	2stcu	7.3	0	1n	1e	355.6	mod.	F. a.m.
11	10stni	10stci	10stni	10.0	1se	1sw	3sw	353.8	„	F.T. a m.S.W.g. eve.
12	10stni	10stni	8stni	9.3	8sw	7sw	8sw	1653.4	stormy	L.T.a.m. F.S.W.g.a.m.
13	10st	10st	7st	9.0	8sw	7sw	8sw	1252.7	„	F.S.W.g.a.m.p.m.eve.L.
14	7stcu	2stcu	0	3.0	1w	0	1s	299.7	rough	[eve.
15	9stcu	9ci	0	6.0	0	0	0	377.8	slight	
16	10stcu	10stci	10stci	10.0	0	0	0	55.7	light	
17	10stcu	10stcu	0	6.7	0	0	0	76.4	„	
18	1cu	1cu	0	0.7	0	0	0	59.2	„	thin M. a.m.
19	10st	10stcu	10stni	10.0	1w	2sw	0	289.6	slight	„ „ „ L.T. eve.
20	9stcu	4cicu	0	4.3	0	1w	0	163.5	light	„ „ „
21	10stcu	10stni	10stni	10.0	3sw	2sw	1sw	405.4	„	thin F. a.m. p.m.
22	8cicu	9cuni	10stni	9.0	2sw	1sw	3sw	356.1	mod.	thin M. a.m. L. eve.
23	2cu	1stcu	1stcu	1.3	2w	2w	0	268.3	rough	[SW.g. a.m. p.m.
24	5cu	8cicu	10stcu	7.7	1e	1w	0	193.4	light	
25	8stcu	10ci	8stcu	8.7	1n	1sw	1sw	334.2	„	Thin F. p m.S.W.g. p.m.
26	6stcu	7stcu	8stcu	7.0	1sw	1sw	1sw	352.8	mod.	thin F. a.m.
27	8cu	2stcu	3stcu	4.3	0	1w	0	92.8	slight	
28	0	1ci	7ci	2.7	1sw	1sw	0	124.2	light	thin M. a.m.
29	5ci	10ci	10ci	8.3	0	0	0	59.2	slight	Dew thin M., a.m.
					36	41	35			
				6.38	1.2	1.4	1.2	346.27		

3 4 3

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	0	1	1	0	8	3	0	14	29
14:30	2	0	1	0	1	13	4	0	8	29
20:30	0	0	1	0	3	10	0	0	15	29
Totals	4	0	3	1	4	31	7	0	37	87

Number of days with rain 15, fog 11, thunderstorms 3, gales 7.

50-yr. average number of days with rain during month 13.6

Abbreviations used in "Notes"; Lightning (L), Thunderstorm (T), Fog (F), Trace of rain (tr.), Gale (G), Mist (M),